

# SeaQuest Status

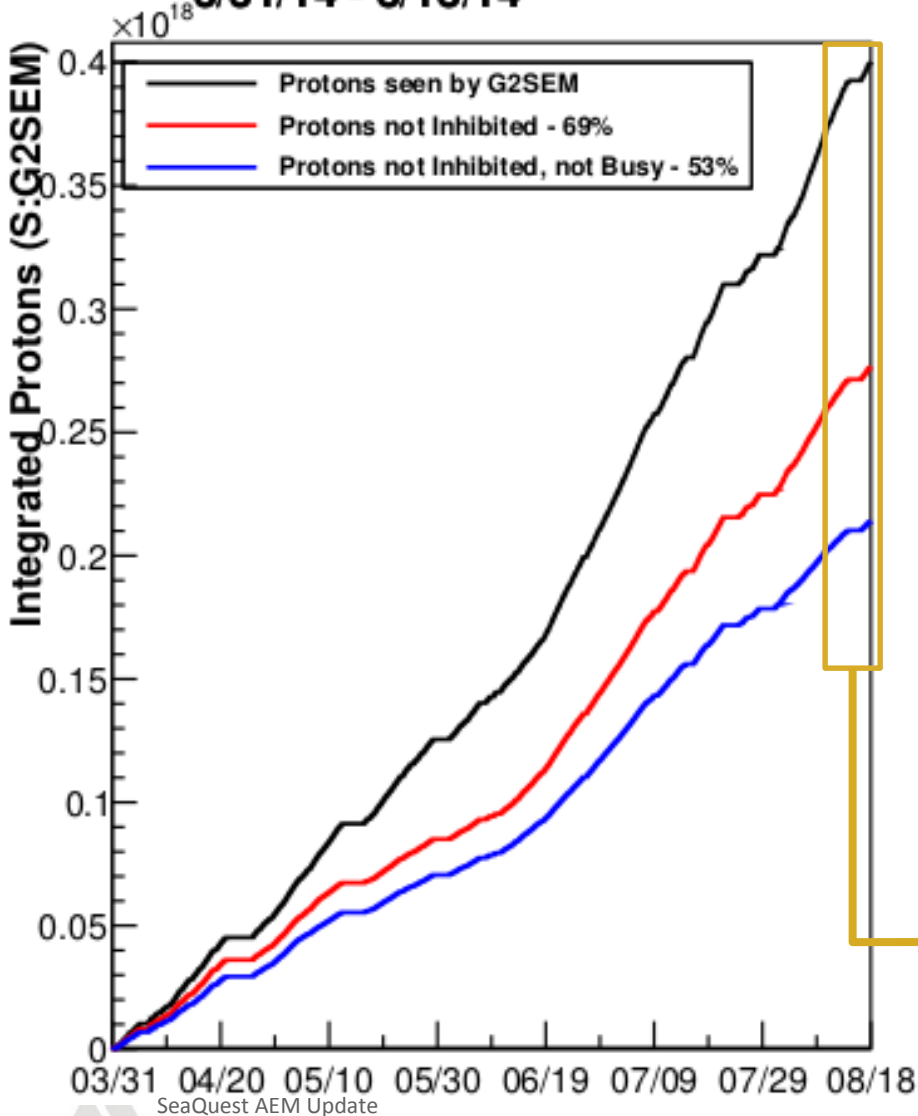
## Aug 11 - Aug 17

Brian Tice

Aug 18, 2014

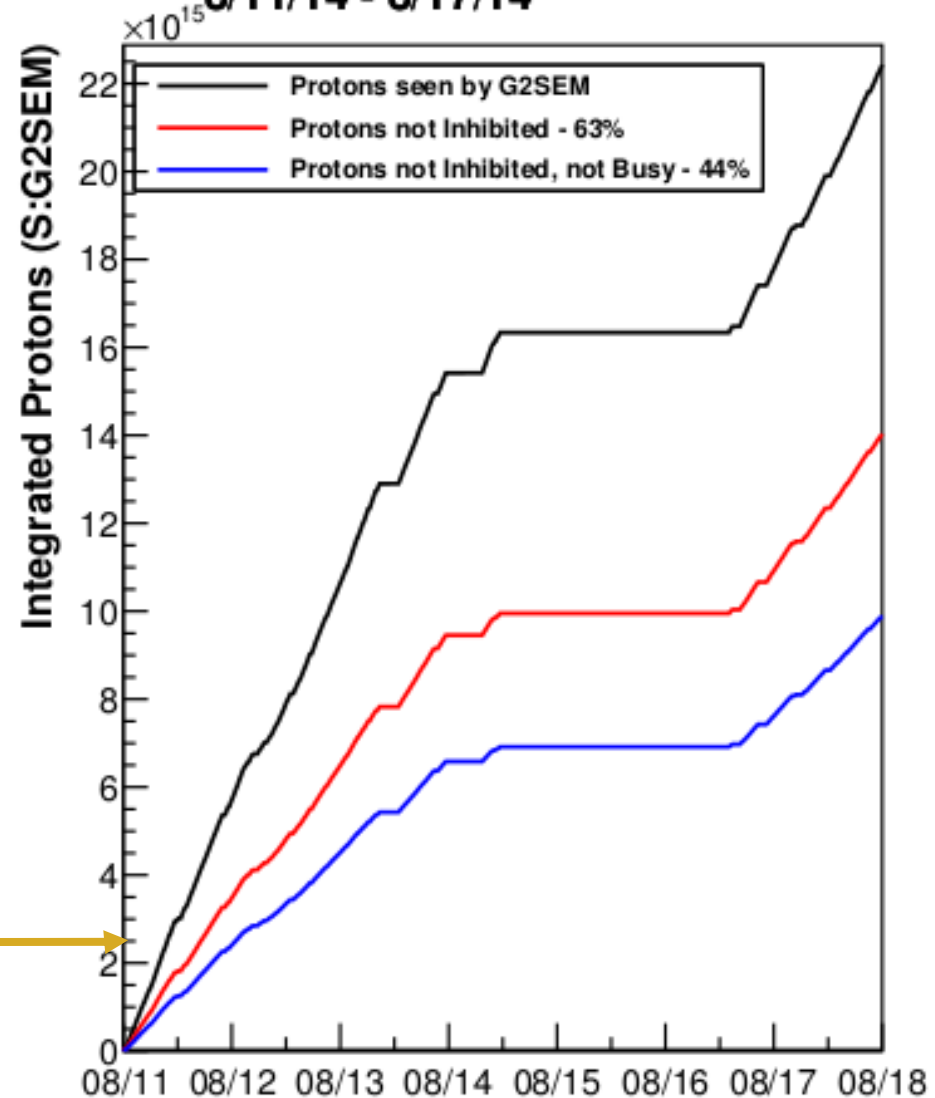
## SeaQuest Integrated Protons

3/31/14 - 8/18/14



## SeaQuest Integrated Protons

8/11/14 - 8/17/14



# Detector Status - All systems performing well

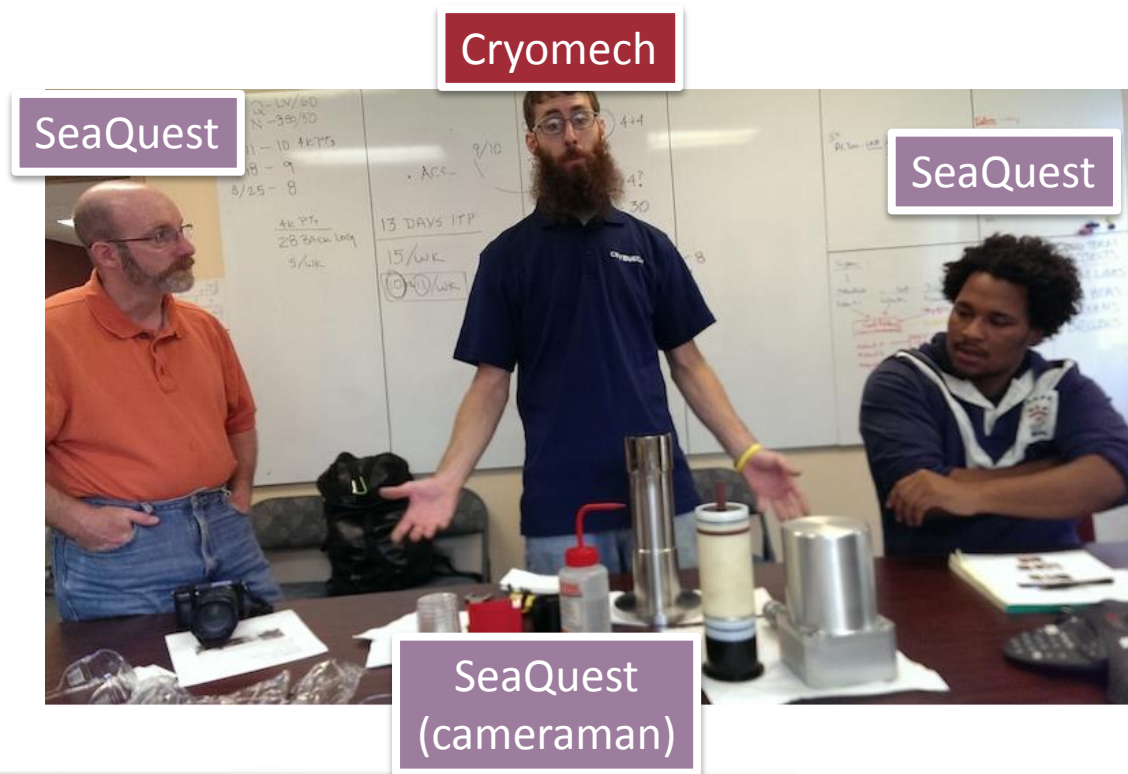
- New wire chamber arrived from Colorado
  - Will be moved to Lab 6, inspected and repaired if needed
- Chamber to be installed at Station 1 (most upstream) during shutdown next month

# Beam Status - Keeps getting better

- Beam is more intense, more stable, and with (slightly) higher duty factor
  - Has been situation since the switch to turn13=4 two weeks ago

# Target Status - No target issues

- Target experts traveled to Cryomech in Syracuse, NY to be trained for cold-head maintenance
- Experts confident about performing necessary maintenance during shutdown



# Other

- One ROC failed and was replaced. Expect reflashing boot ROM will fix it.
  - Have several spares in similar state as failed ROC
  - Additional spares have been ordered
  - They do not break frequently, so we are not too worried
- Issue with slowcontrol DAQ scripts hanging happened twice
  - Does not stop main DAQ system from recording our protons, but makes things harder.
  - Patch is ready and will go live today
- Production processing of Run II (current) dataset continues
  - Added a 2<sup>nd</sup> MySQL database server, doubling our rate. 3<sup>rd</sup> coming soon.
  - Currently in decoding step. Tracking will follow.